
Other Information relative to site photo reference: A site map with photo point locations is attached to this report.

If required to complete Level 3 monitoring only stop here; otherwise, complete section 2.

Section 2. PLANT SURVIVAL

Attach plan sheet indicating reference photos.

Identify specific problem areas (missing, stressed, damaged or dead plantings):

The planted vegetation is minimal from Sta. 380+16 to 381+23 for both Type I and II plantings and from Sta. 378+15 to 379+40 about 60% of the live stakes (Type I) are surviving but the buffer (Type II) planting is minimal.

Estimated causes, and proposed/required remedial action: NCDOT proposes to replant Type II plantings throughout Site 24. Live staking should take place wherever missing or dead stakes are found. This should take place following the remedial work on the stream relocation.

ADDITIONAL COMMENTS: The planted vegetation noted onsite consisted of silky dogwood, black willow, sycamore, and winged elm. Other vegetation noted onsite consisted of cattails, fennel, briars, lespedeza, wax myrtle, *Juncus* sp., sweetgum, pine, and various grasses.

If required to complete Level 1 and Level 2 monitoring only stop here; otherwise, complete section 3.

Section 3. CHANNEL STABILITY

Visual Inspection: The entire stream project as well as each in-stream structure and bank stabilization/revetment structure must be evaluated and problems addressed.

Report on the visual inspection of channel stability. Physical measurements of channel stability/morphology will not be required. Include a discussion of any deviations from as-built and an evaluation of the significance of these deviations and whether they are indicative of a stabilizing or destabilizing situation.

UT to Dixon Branch (Site 24) stream relocation has experienced some instability prior to the Year 2 Winter evaluation. The stream bed has down cut around Sta. 380+40 which can be seen from Photo Point #3. Some minor bank erosion around some of the rootwads was noted from Sta. 378+15 to 379+40. Some erosion was noted along the cut slope at Sta. 379+00. A bankfull event had occurred on site since the last monitoring evaluation. NCDOT plans to perform remedial work at this stream relocation to repair the unstable areas.

Date 3/16/10	Station 378+15 to 379+40	Station 380+40	Station 379+00	Station Number	Station Number
Structure Type					
Is water piping through or around structure?					
Head cut or down cut present?		Stream bed has down cut			
Bank or scour erosion present?	Bank erosion around rootwads				
Other problems noted?			Erosion on cut slope		

UT to Dixon Branch

Site 24



Photo Point #1 (Upstream)



Photo Point #1 (Downstream)



Photo Point #2 (Upstream)



Photo Point #2 (Downstream)



Photo Point #3 (Upstream)
Year 2 Winter – March 2010



Photo Point #3 (Downstream)

UT to Dixon Branch

Site 24



Photo Point #4 (Upstream)



Photo Point #4 (Downstream)



Photo Point #5 (Upstream)



Photo Point #5 (Downstream)



Photo Point #6 (Upstream)
Year 2 Winter – March 2010



Photo Point #6 (Downstream)

